

## C-55 Maritime Safety Information

Submitted by IHB

### SUMMARY

Executive Summary: This document provides details of the information supplied to the IHB for inclusion in IHO Publication C-55 for Maritime Safety Information service provision and identifies the need for harmonization with the information contained in the GMDSS Master Plan.

Action to be taken: See paragraph 7

Related documents: IHO Publication C-55 - *Status of Hydrographic Surveying and Nautical Charting Worldwide*; GMDSS.1/Circ.19 dated 20 July 2016

1. As part of the development of the IHO Geographic Information System (GIS), the IHB has started work on a GIS database application to support C-55 - *Status of Hydrographic Surveying and Charting Worldwide* - and the work of the IHO. A number of associated geo-referenced information layers have been generated, including layers to depict the information currently contained in the Maritime Safety Information (MSI) and Global Maritime Distress and Safety System (GMDSS) tables of C-55. This document reviews the publically available data and identifies discrepancies that need to be resolved.

2. The majority of information contained within C-55 is provided by the Hydrographic Offices of Member States; however not all have responsibility for the provision of MSI, which is often the responsibility of a department of the Maritime Administration. This division of responsibility is often the reason the information contained in C-55 is not the most current, a similar situation occurs with the maintenance of the GMDSS Master Plan, see the attached table of comparison between information in C-55 and GMDSS Master Plan.

3. The information provided by IHO Member States for inclusion in IHO Publication C-55 – *Status of Hydrographic Surveying and Nautical Charting Worldwide* – (which are not a reflection or assessment of the services provided) when compared against other known sources contains errors which are likely to be known to the NAVAREA Coordinators through their knowledge and interaction with the coastal States within their NAVAREA. Although not directly responsible for the accuracy of the information provided to the IHB by individual coastal States, Coordinators are well placed to prompt National Coordinators to check the correctness of the information contained in C-55 and the relevant Annexes of the GMDSS Master Plan, particularly if they identify discrepancies which need to be resolved.

4. The table below illustrates the information in C-55 and GDMSS Master Plan, as submitted and available for any coastal State. This information can be displayed in graphical format in a GIS for ease of understanding:

Navigational information	Status	Notes
Local warnings	Yes/No/Partial/Unknown/other	Source of information (could be third party state)
Coastal warnings	Yes/No/Partial/Unknown/other	
NAVAREA warnings	Yes/No/Partial/Unknown/other	
Information on ports and harbours	Yes/No/Partial/Unknown/other	
GMDSS implementation	Status	Notes
Master Plan	Yes/No/Partial/Unknown/other	
A1 area	Yes/No/Partial/Unknown/other	
A2 area	Yes/No/Partial/Unknown/other	
A3 area	Yes/No/Partial/Unknown/other	
NAVTEX	Yes/No/Partial/Unknown/other	
SafetyNET	Yes/No/Partial/Unknown/other	

Last updated: Date or Not Known

5. Graphical displays of the status of Navigational Warnings provision will be presented at the meeting for illustrative purposes. They are a useful tool to help easily identify coastal States, which appear not to be fulfilling their SOLAS obligation and therefore are considered priority candidates for Phase One CB action. Incorrect or inaccurate information has the potential of focusing effort and funding towards coastal States that are not in need of CB effort whilst denying genuine candidates the help they really need. Liaison between NAVAREA Coordinators and CB Regional Coordinators can help highlight errors and contribute in identifying coastal States in need of assistance and training.

6. It is recognised that ultimately it is the responsibility of individual States to ensure the information contained in C-55 and the GMDSS Master Plan is correct. The IHB is of the view that some may need more encouragement and guidance from NAVAREA Coordinators than others.

7. The Sub-Committee is invited to:

- a. **review** the information contained in IHO Publication C-55 and the attached table to identify discrepancies with the information contained in the GMDSS Master Plan, which should be resolved;
- b. **request** NAVAREA Coordinators prompt National Coordinators to review regularly the information contained in IHO Publication C-55 and the relevant GMDSS Master Plan Annexes;
- c. **encourage** closer liaison between NAVAREA Coordinators and their relevant National Coordinators to help identify coastal States in need of Phase One CB action; and
- d. **take** whatever other action is deemed appropriate.

	Region name	C55						Last Update
		master_plan	a1_area	a2_area	a3_area	navtex	safety_net	
Countries IHO should ask to provide data because of lacking data	Brunei Darussalam							
	DP Rep of Korea							
	Egypt							
	Georgia							
	Indonesia							
	Viet Nam							

IMO Master Plan							
master_plan	a1_area	a2_area	a3_area	navtex	safety_net	Last update	
YES				YES			2009
YES	YES	YES	YES	YES			before 2005
YES	YES	YES		YES			2016
YES	YES	YES	YES	YES	YES		before 2005
YES	YES	YES	YES	YES			before 2005

C55 data should be updated	Algeria	NO	NO	NO	NO	NO	NO	03/01/2004
	Azerbaijan	NO	NO	NO	NO	NO	NO	
	Côte d'Ivoire	NO	NO	NO	NO	NO	NO	15/01/2004
	Mauritius	YES	YES	YES	NO	YES	NO	16/05/2007
	Portugal	NO	NO	NO	NO	YES	NO	10/09/2014
	Seychelles	YES	NO	NO	NO	NO	NO	10/09/2014

YES	YES	YES		YES	YES		2007
YES	YES	YES	YES	YES			2015
YES	YES	YES	YES				2009
YES	YES	YES		N/A	N/A		2013
YES	YES			YES			2014
				YES			2016

Last update of C55 is more recent than that of IMO master plan	Brazil - Region B	YES	YES	YES	YES	NO	YES	20/03/2014
	Comoros	YES	NO	NO	NO	NO	YES	21/09/2015
	Estonia	YES	YES	YES	NO	YES	YES	01/06/2012
	Italy	YES	YES	YES	YES	YES	YES	31/12/2014
	Jamaica	YES	YES	N/A	NO	NO	NO	16/05/2007
	Jordan	YES	YES	YES	NO	NO	NO	16/05/2007
	Kenya	NO	NO	NO	NO	NO	YES	04/09/2014
	Lithuania	YES	YES	YES	NO	YES	NO	31/07/2013
	Mozambique	YES	YES	YES	NO	NO	YES	20/09/2012
	Myanmar	YES	YES	YES	YES	YES	YES	01/04/2008
	Netherlands	YES	YES	YES	YES	YES	YES	24/11/2015
	Norway - Area D	YES	YES	YES	YES	YES	YES	14/12/2015
	Oman	NO	YES	YES	NO	YES	NO	18/11/2008
	Pakistan	YES	YES	YES	YES	YES	YES	17/02/2014
	Poland	YES	YES	YES	NO	YES	NO	01/08/2011
	Romania	YES	YES	YES	YES	YES	YES	29/10/2013
	Russian Federation	NO	YES	YES	YES	YES	YES	07/05/2014
	Togo	Partial	YES	YES	NO	YES	NO	21/09/2015
	Tonga	NO	NO	NO	NO	NO	YES	07/03/2014
	Tunisia					YES		30/06/2015
USA - Guam and Wake Island	NO	NO	Partial	YES	YES	YES	10/04/2012	

YES			YES		YES		before 2005
YES							before 2005
YES	YES	YES		YES			before 2005
YES	YES	YES		YES			before 2005
YES							before 2005
YES							before 2005
YES	YES	YES					before 2005
YES	YES	YES	YES				2016
YES	YES	YES		YES	YES		before 2005
YES	YES	YES		YES	YES		before 2005
YES				YES			before 2005
YES	YES	YES		YES	YES		before 2005
YES	YES	YES	YES	YES			before 2005
YES	YES	YES		YES	YES		before 2005
YES							before 2005
YES							before 2005
YES		YES	YES	YES			before 2005

Countries IHO should ask to provide data because of data inconsistency	Angola	NO	NO	NO	NO	NO	YES	01/12/2003
	Bulgaria		NO	YES	YES	YES	YES	01/09/2009
	Croatia	YES	YES	YES	YES	YES	YES	01/01/2005
	Cyprus	YES	YES	YES	NO	YES	YES	
	Denmark					YES		09/04/2015
	Ecuador	YES	NO	YES	Partial	NO	NO	13/07/2015
	Fiji	NO	NO	NO	NO	NO	NO	16/05/2007
	Greece	NO	YES	YES	NO	YES	YES	24/11/2015
	India	YES	YES	YES	YES	NO	YES	01/02/2011
	Iran	YES	YES	YES		YES		28/02/2013
	Iraq	NO	NO	NO	NO	NO	NO	01/08/2005
	Israel	YES	YES	NO	NO	YES	NO	31/05/2015
	Lebanon	NO	NO	NO	YES	NO	YES	21/09/2015
	Malaysia	NO	NO	NO	NO	YES	YES	16/02/2009
	Malta	YES	YES	YES	YES	YES	YES	16/05/2007
	Mexico	NO	NO	NO	NO	NO	NO	16/11/2012
	Namibia	NO	NO	NO	NO	NO		30/11/2012
	Philippines	Partial	Partial	Partial	Partial	Partial	NO	01/08/2011
	Rep of Korea	YES	YES	NO	NO	YES	YES	09/02/2012
	Saudi Arabia - Area I	YES	YES	YES	YES	YES	NO	01/06/2004
Slovenia	YES	YES	NO	NO	YES	NO	01/05/2004	
Thailand	YES	Partial	NO	NO	YES	YES	17/07/2013	

YES							before 2005
YES	YES	YES		YES			before 2005
YES	YES	YES		YES			before 2005
YES	YES	YES	YES	YES	YES		before 2005
YES	YES	YES		YES			before 2005
YES	YES	YES	YES	YES	YES		before 2005
YES	YES	YES	YES	YES	YES		2010
YES	YES	YES		YES			2012
YES	YES	YES		YES			2012
YES	YES	YES	YES				2011
YES	YES	YES	YES	YES	YES		before 2005
YES	YES	YES		YES			2013
YES	YES	YES					before 2005
YES					YES		before 2005
YES	YES						2012
YES	YES	YES	YES	YES			before 2005
YES	YES	YES					2015
YES	YES						before 2005
YES	YES	YES	YES	YES	YES		before 2005